GeoImageTagger

Complete Guide to AI-Powered Image Geotagging and Metadata Tools

9 Free Browser-Based Tools for Photographers, Businesses and SEO Professionals

https://geoimagetagger.com

Introduction

GeoImageTagger is a comprehensive suite of free, browser-based image tools built for photographers, local businesses, SEO professionals, and anyone who works with digital images. All tools run entirely in your browser — no uploads to external servers, no software installation, no account required.

Whether you need to geotag photos for local SEO, inspect EXIF metadata for forensic analysis, compress images for faster page loads, remove sensitive location data before sharing, or add watermarks to protect your work — GeoImageTagger provides professional-grade tools accessible to everyone.

> **Privacy-First Design:** All image processing happens locally in your browser. Your photos never leave your device. No server uploads, no data collection, no accounts needed.

Tools Covered in This Guide

1. AI Image Geotagging (Main App)
2. Metadata Viewer
3. Image Compressor
4. Image Converter
5. EXIF Remover
6. Metadata Editor
7. AI Location Finder
8. Image Editor
9. Watermark Tool

1. AI Image Geotagging

→ geoimagetagger.com

The flagship tool. Add GPS coordinates and location metadata to your photos using AI-assisted detection, interactive map pinning, or manual coordinate entry. Essential for local SEO, real estate photography, travel documentation, and geo-referenced workflows.

Key Features

- ✓ AI-assisted location detection
- ✓ Interactive map pinning
- ✓ Manual GPS coordinate entry
- ✓ Batch geotagging
- ✓ EXIF/IPTC/XMP metadata writing
- ✓ AI-generated descriptions and tags
- ✓ ZIP and CSV export
- ✓ Reverse geocoding (address lookup)

Best For

- Local businesses adding location data to product/storefront photos for Google Business Profile SEO
- Real estate agents geotagging property listing photos
- Travel photographers documenting locations
- Researchers and surveyors geo-referencing field images

2. Metadata Viewer

→ geoimagetagger.com/tools/metadata-viewer

Inspect every piece of metadata embedded in your images. View EXIF camera data, GPS coordinates, IPTC editorial fields, XMP sidecar data, and more. Supports all major image formats including JPEG, PNG, WebP, TIFF, HEIC, and RAW files.

Key Features

- ✓ Full EXIF data inspection
- ✓ GPS coordinates with map view
- ✓ IPTC editorial metadata
- ✓ XMP sidecar data
- ✓ Camera make, model and settings
- ✓ Exposure, aperture, ISO details
- ✓ Thumbnail extraction
- ✓ Metadata export (JSON/CSV)

Best For

- Photographers checking camera settings and GPS data
- Digital forensic analysts examining image authenticity
- Privacy auditors verifying what metadata is exposed
- Web developers optimizing image metadata for SEO

3. Image Compressor

→ geoimagetagger.com/tools/image-compressor

Reduce image file sizes without visible quality loss. Optimize photos for faster website loading, email attachments, and storage savings. Supports lossless and lossy compression with adjustable quality settings.

Key Features

- ✓ Lossless and lossy compression
- ✓ Adjustable quality slider
- ✓ JPG, PNG, WebP, HEIC, TIFF
- ✓ Batch compression
- ✓ Before/after comparison
- ✓ File size reduction display
- ✓ Metadata preservation options
- ✓ ZIP download for batch

Best For

- Web developers optimizing page load speed (Core Web Vitals)
- Bloggers and content creators reducing upload sizes
- E-commerce sites compressing product images
- Email marketers fitting images under attachment limits

4. Image Converter

→ geoimagetagger.com/tools/image-converter

Convert images between all major formats instantly. Transform HEIC photos from iPhones to universal JPG/PNG, convert to modern WebP for web optimization, or batch-convert entire folders of images.

Key Features

- ✓ JPG, PNG, WebP conversion
- ✓ HEIC/HEIF to JPG/PNG
- ✓ TIFF conversion
- ✓ Batch conversion
- ✓ Quality settings per format
- ✓ Drag-and-drop interface
- ✓ Instant preview
- ✓ ZIP download for batch

Best For

- iPhone/iPad users converting HEIC photos to JPG for compatibility
- Web developers converting images to WebP for faster loading
- Designers preparing images in specific formats for print or digital
- Anyone needing quick format conversion without installing software

5. EXIF Remover

→ geoimagetagger.com/tools/exif-remover

Strip sensitive metadata from photos before sharing online. Remove GPS coordinates, camera serial numbers, timestamps, and other identifying information that could compromise your privacy or reveal your location.

Key Features

- ✓ Complete EXIF removal
- ✓ Selective metadata stripping
- ✓ GPS/location data removal
- ✓ Batch processing
- ✓ Preview before/after
- ✓ Preserve image quality
- ✓ Camera serial number removal
- ✓ Timestamp removal

Privacy Tip: Every photo you take with a smartphone contains GPS coordinates revealing exactly where the photo was taken. Before sharing photos on social media, dating apps, or marketplaces, strip this data to protect your home address and daily locations.

Best For

- Privacy-conscious individuals removing location data before sharing
- Journalists and activists protecting source locations
- Online sellers removing personal metadata from product photos
- Organizations ensuring GDPR/privacy compliance for published images

6. Metadata Editor

→ geoimagetagger.com/tools/metadata-editor

Edit EXIF, IPTC, and XMP metadata fields directly in your browser. Add copyright notices, photographer credits, GPS coordinates, keywords, captions, and other metadata without external software.

Key Features

- ✓ EXIF field editing
- ✓ IPTC editorial fields
- ✓ XMP metadata support
- ✓ GPS coordinate editing
- ✓ Copyright and credit fields
- ✓ Keyword/tag management
- ✓ Batch metadata editing
- ✓ Caption and description editing

Best For

- Photographers adding copyright and credit information
- Stock photo contributors filling required IPTC fields
- News organizations embedding editorial metadata
- Digital asset managers organizing large photo libraries

7. AI Location Finder

→ geoimagetagger.com/tools/location-finder

Upload a photo and let AI identify where it was taken. The AI analyzes landmarks, scenery, architecture, vegetation, signage, and other visual clues to determine the geographic location — even when no GPS metadata exists.

Key Features

- ✓ AI-powered location detection
- ✓ Landmark recognition
- ✓ Scenery and architecture analysis
- ✓ Confidence scoring
- ✓ Map visualization
- ✓ Works without GPS data
- ✓ Multiple location suggestions
- ✓ Geotagging workflow integration

Best For

- Travelers identifying locations from old/undocumented photos
- Researchers geolocating archival or historical images
- OSINT analysts determining photo origins
- Anyone curious about where a photo was taken

8. Image Editor

→ geoimagetagger.com/tools/image-editor

A full-featured browser-based image editor. Crop, resize, rotate, adjust brightness/contrast, remove backgrounds, create social media graphics, and prepare profile pictures — all without installing desktop software.

Key Features

- ✓ Crop and resize
- ✓ Rotate and flip
- ✓ Brightness and contrast
- ✓ Background removal (AI)
- ✓ Social media templates
- ✓ Profile picture workflows
- ✓ Text overlay
- ✓ Filter effects

Best For

- Social media managers creating quick graphics
- Anyone needing basic photo edits without Photoshop
- Creating profile pictures with proper sizing
- Quick product photo touch-ups for e-commerce

9. Watermark Tool

→ geoimagetagger.com/tools/watermark

Protect your images with professional watermarks. Add text, logos, signatures, or hidden steganographic watermarks. Supports tiling patterns, custom opacity, positioning, and batch watermarking for entire photo sets.

Key Features

- ✓ Text watermarks
- ✓ Logo/image watermarks
- ✓ Signature watermarks
- ✓ Tiling/pattern mode
- ✓ Hidden steganographic watermarks
- ✓ Custom opacity and positioning
- ✓ PDF watermarking
- ✓ Batch processing

Best For

- Photographers protecting portfolio images from theft
- Businesses watermarking confidential documents
- Stock photo creators adding identification marks
- Legal and compliance teams watermarking sensitive PDFs

Common Workflows

For Photographers

Use the **Metadata Viewer** to inspect camera settings, the **Metadata Editor** to add copyright information, the **Image Compressor** to optimize for web galleries, and the **Watermark Tool** to protect your work.

For Local SEO

Use the main **GeoImageTagger** to add GPS coordinates to business photos, then the **Image Compressor** to optimize file sizes. Upload geotagged images to Google Business Profile for improved local search visibility.

For Privacy

Use the **Metadata Viewer** to check what personal data is embedded in your photos, then the **EXIF Remover** to strip GPS coordinates and timestamps before sharing images online.

For Web Developers

Use the **Image Compressor** to optimize images for Core Web Vitals, the **Image Converter** to serve modern WebP format, and the **EXIF Remover** to reduce file sizes by stripping unnecessary metadata.

For OSINT and Research

Use the **AI Location Finder** to identify where undocumented photos were taken, the **Metadata Viewer** to extract GPS coordinates and camera data, and the main **GeoImageTagger** to document findings.

GeoImageTagger

AI-Powered Image Geotagging and Metadata Tools

Website | Metadata Viewer | Image Compressor | Image Converter

EXIF Remover | Metadata Editor | AI Location Finder | Image Editor | Watermark Tool

2026 GeoImageTagger. All tools are free to use. No account required. All processing happens locally in your browser. Your images never leave your device.